

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041276.D
 Acq On : 17 Nov 2020 13:17
 Operator : SY/MD
 Sample : L4759-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4428

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 9:48:17 AM

Quant Time: Nov 17 23:03:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 17 22:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69775	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25550	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	22115	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.58	63	38151	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.65	46	105122	49.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.34%
24) Chloroform-d	5.08	84	56530	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.72	65	34767	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	101524	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.70	67	35482	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.91	98	84030	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.19	79	13112	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	72514	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30526	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	32314	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	16235	2.680	ug/L	87
12) 1,1-Dichloroethene	2.59	96	1161	0.256	ug/L	# 1
13) Acetone	2.67	43	1571m	1.119	ug/L	
17) Methyl tert-butyl Ether	3.38	73	5615	0.452	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	23148	5.233	ug/L	99
19) 1,1-Dichloroethane	3.89	63	5768	0.583	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	305503	61.150	ug/L	98
33) Benzene	5.78	78	2370	0.121	ug/L	100
34) Trichloroethene	6.56	95	447966	84.391	ug/L	98
47) Tetrachloroethene	8.56	164	14484	3.693	ug/L	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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